

TG-III-A-2 - Alternative Conservation Systems

SANTA ROSA FIELD OFFICE

Irrigated Cropland Guide Sheet^{1/}

Resource Data

MLRA - 70

Soils - WEG 3,4,4L,5,6

T-2

WEQ

C-100

I-86 or less

K-1.0

The following alternatives are acceptable regardless of tillage methods used provided the minimum specified amounts of residue are managed as indicated in the Management requirements section. Critical wind erosion period November thru April.

Irrigated Cropland Alternatives^{2/}

Alternative 1: Continuous Wheat

Minimum crop residue amounts - 900 pounds/acre growing wheat

Alternative 2: Continuous Grain Sorghum

Minimum crop residue amounts - 1300 pounds sorghum standing grain sorghum
3250 pounds of flat sorghum with leaves

Alternative 3: Continuous Forage Sorghum

Minimum crop residue - 900 pounds stubble

Alternative 4: Continuous Corn

Minimum crop residue - 3450 pounds flat corn residue

Alternative 5: Any rotation or other crop grown continuously with comparable levels of protection. (Use WEQ and USLE to ensure that total erosion losses are less than "T".)

^{2/} Acceptable alternatives as long as water erosion does not exceed "T".

Management Requirements

- | | | |
|---------------|---|--|
| Wheat | - | Maintain the minimum amounts of growing small grain residue during the critical erosion period. |
| Grain Sorghum | - | Leave the minimum specified amounts of standing grain sorghum residue on the soil surface until April 1, or as near planting time as possible, whichever is later. |

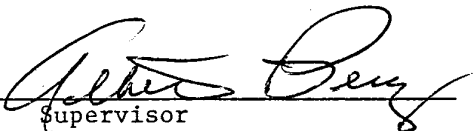
Santa Rosa - I-86 - Alternative Conservation Systems
C-100

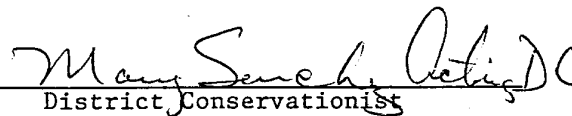
2

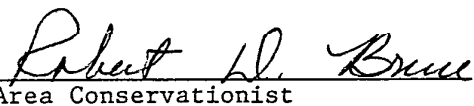
Forage Sorghum - When Forage Sorghum is harvested, leave a minimum specified amount of 6 1/2" high stubble on the soil surface until April 1, or as near planting time as possible, whichever is later.


1/ This guidesheet may be used for conservation compliance and/or sodbusing.

Guidesheets approved by Guadalupe SWCD Board.

 Date 4-27-89
Supervisor

 Date 4-27-89
District Conservationist

 Date 5-1-89
Area Conservationist

 Date 5/11/89
State Conservationist

MAY 1989

TG-III-A-2-Alternative Conservation Systems

SANTA ROSA FIELD OFFICE

Irrigated Cropland Guide Sheet^{1/}

Resource Data

MLRA - 70
Soils - WEC 3,4,4L,5,6
T-5

WEQ

C-100
I-86 or less
K-0.7

The following alternatives are acceptable regardless of tillage methods used provided the minimum specified amounts of residue are managed as indicated in the Management requirements section. Critical wind erosion period November thru April.

Irrigated Cropland Alternatives^{2/}

Alternative 1: Continuous Wheat

Minimum crop residue amounts - 700 pounds/acre growing wheat.

Alternative 2: Continuous Grain Sorghum

Minimum crop residue amounts - 1000 pounds sorghum standing grain sorghum
2200 pounds of flat sorghum with leaves

Alternative 3: Continuous Forage Sorghum

Minimum crop residue - 700 pounds stubble

Alternative 4: Continuous Corn

Minimum crop residue - 2400 pounds flat corn residue

Alternative 5: Any rotation or other crop grown continuously with comparable levels of protection. (Use WEQ and USLE to ensure that total erosion losses are less than "T".)

^{2/}Acceptable alternatives as long as water erosion does not exceed "T".

Management Requirements

- | | |
|---------------|--|
| Wheat | - Maintain the minimum amounts of growing small grain residue during the critical erosion period. |
| Grain Sorghum | - Leave the minimum specified amounts of standing grain sorghum residue on the soil surface until April 1, or as near planting time as possible, whichever is later. |

Santa Rosa - I-86 - Alternative Conservation Systems
C-100

2

Forage Sorghum - When Forage Sorghum is harvested, leave a minimum specified amount of 6 1/2" high stubble on the soil surface until April 1, or as near planting time as possible, whichever is later.

1/ This guidesheet may be used for conservation compliance and/or sodbusing.

Guidesheets approved by Guadalupe SWCD Board.

Alfredo Flores 4-26-89
Supervisor Date

Mary Sanchez 4-27-89
District Conservationist Date

Robert L. Bruce 5-1-89
Area Conservationist Date

Ray Marquez 5/11/89
State Conservationist Date

TG-III-A-2 - Alternative Conservation Systems

SANTA ROSA FIELD OFFICE

Irrigated Cropland Guide Sheet

Resource Data

MLRA - 70
All Irrigated Soils
T-5

WEQ

C-150 or less
I-86 or less
K-1.0

The following alternatives are acceptable regardless of tillage methods provided the minimum specified amounts of residue are managed as indicated in the Management Requirements Section. The critical wind erosion period is November thru April.

Irrigated Cropland Alternatives

Alternative 1: Continuous Wheat

Minimum crop residue amounts - 500 pounds/acre growing wheat.

Alternative 2: Continuous Grain Sorghum

Minimum crop residue amounts - 800 pounds/acre standing grain sorghum; 1700 pounds/acre of flat sorghum with leaves

Alternative 3: Continuous Forage Sorghum

Minimum crop residue - 1200 pounds/acre of sorghum stubble

Alternative 4: Continuous Corn

Minimum crop residue - 2000 pounds/acre flat corn residue

Alternative 5: Any rotation or other crop grown continuously with comparable levels of protection.

Management Requirements

Wheat - Maintain the minimum amounts of growing small grain residue during the critical erosion period.

Grain Sorghum - Leave the minimum specified amounts of standing grain sorghum residue on the soil surface until April 1, or as near planting time as possible, whichever is later.

Forage Sorghum - When forage sorghum is harvested, a minimum specified amount of 6.5 inch high stubble should be left on the soil surface until April 1, or as near planting time as possible, whichever is later.

Corn - A minimum specified amount of corn residue will be left on the soil surface until April 1, or as near planting time as possible, whichever is later.

This guidesheet may be used for conservation compliance.

Guidesheets approved by:

Guadalupe SWCD Board Pete Berg Chairman Date 6-15-88

District Conservationist Don Lopez Date 6-15-88

Area Conservationist _____ Date _____

State Conservationist Ray V. Margo Date 8/19/88

TG-III-A-2 - Alternative Conservation Systems

SANTA ROSA FIELD OFFICE

Irrigated Cropland Guide Sheet^{1/}

Resource Data

MLRA - 70
Soils - WEG 2
T-5

WEQ

C-150
I-134
K-1.0

The following alternatives are acceptable regardless of tillage methods used provided the minimum specified amounts of residue are managed as indicated in the Management requirements section. Critical wind erosion period November thru April.

Irrigated Cropland Alternatives^{2/}

Alternative 1: Continuous Wheat

Minimum crop residue amounts - 900 pounds/acre growing wheat

Alternative 2: Continuous Grain Sorghum

Minimum crop residue amounts - 1300 pounds sorghum standing grain sorghum
3250 pounds of flat sorghum with leaves

Alternative 3: Continuous Forage Sorghum

Minimum crop residue - 900 pounds stubble

Alternative 4: Continuous Corn

Minimum crop residue - 3450 pounds flat corn residue

Alternative 5: Any rotation or other crop grown continuously with comparable levels of protection. (Use WEQ and USLE to ensure that total erosion losses are less than "T".)

^{2/} Acceptable alternatives as long as water erosion does not exceed "T".

Management Requirements

- Wheat - Maintain the minimum amounts of growing small grain residue during critical erosion period.
- Grain Sorghum - Leave the minimum specified amounts of standing grain sorghum residue on the soil surface until April 1, or as near planting time as possible, whichever is later.

Santa Rosa - I-86 - Alternative Conservation Systems
C-150

2

Forage Sorghum - When Forage Sorghum is harvested, leave a minimum specified amount of 6 1/2" high stubble on the soil surface until April 1, or as near planting time as possible, whichever is later.

1/ This guidesheet may be used for conservation compliance and/or sodbusing.

Guidesheets approved by Guadalupe SWCD Board.

Andy Cardona
Supervisor

4-26-89
Date

Mary Sanchez Acting DC
District Conservationist

4-27-89
Date

Robert W Bruce
Area Conservationist

5-1-89
Date

Ray Smiley
State Conservationist

5/11/89
Date

TG-III-A-2 - Alternative Resource Management Systems

SANTA ROSA FIELD OFFICE

Irrigated Cropland Guide Sheet^{1/}

Resource Data

MLRA - 70
Soils - 2
T-5

WEQ

C-100
I-134
K-1.0

The following alternatives are acceptable regardless of tillage methods used provided the minimum specified amounts of residue are managed as indicated in the Management requirements section. Critical wind erosion period November thru April.

Irrigated Cropland Alternatives^{2/}

Alternative 1: Continuous Wheat

Minimum crop residue amounts - 750 pounds/acre growing wheat

Alternative 2: Continuous Grain Sorghum

Minimum crop residue amounts - 1200 pounds sorghum standing grain sorghum
2750 pounds of flat sorghum with leaves

Alternative 3: Continuous Forage Sorghum

Minimum crop residue - 800 pounds stubble

Alternative 4: Continuous Corn

Minimum crop residue - 3000 pounds flat corn residue

Alternative 5: Any rotation or other crop grown continuously with comparable levels of protection. (Use WEQ and USLE to ensure that total erosion losses are less than "T".)

^{2/}Acceptable alternatives as long as water erosion does not exceed "T".

Management Requirements

- | | |
|---------------|--|
| Wheat | - Maintain the minimum amounts of growing small grain residue during the critical erosion period. |
| Grain Sorghum | - Leave the minimum specified amounts of standing grain sorghum residue on the soil surface until April 1, or as near planting time as possible, whichever is later. |

Santa Rosa - I-86 - Alternative Conservation Systems
C-150

2

Forage Sorghum - When Forage Sorghum is harvested, leave a minimum specified amount of 6 1/2" high stubble on the soil surface until April 1, or as near planting time as possible, whichever is later.

1/ This guidesheet may be used for conservation compliance and/or sodbusing.

Guidesheets approved by Guadalupe SWCD Board.

Bill E. Johnson
Supervisor

4-26-1989
Date

Mary Sanchez Peth DC
District Conservationist

4-27-89
Date

Robert D. Bruce
Area Conservationist

5-1-89
Date

Ray Dwyer
State Conservationist

5/11/89
Date